

**Method and apparatus for determining characteristics of a  
sample liquid including a plurality of substances**

Abstract

The method according to the invention for determining characteristics of a sample liquid including a plurality of substances includes the recording current-voltage measurement data of a liquid with at least one known characteristic, the transforming of measurement data of the liquid into a feature space to obtain a first plurality of feature values, the recording of current-voltage measurement data of the sample liquid, the transforming of measurement data of the sample liquid into the feature space to obtain a second plurality of feature values, and the determining of at least one characteristic of the sample liquid based on the feature values of the sample liquid in relation to the feature values of the liquid with the at least one known characteristic.